CTD #:6	Data Dur	np #	_0282	Sta	arting Da	ate:J	anuary 2	21, 2020)			Defec	tive / Ab	sent Se	ensors	
Cast#	Quality Code			Data	a Quality	y Comr	nent				Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0															
						- (OR -									
01																
02																
03 04																
05																
06																
07				-	-											
80																
09																
10																
11 12																
13																
14																
15																
16																
17																
18																
19 20																
21																
22																
Analyst's Co	mments plied to the database	se)														
This Dump cont	tains the first cast	data colle	cted in ocean	ographic v	/ear 2020:	it represe	nts the "	mid-wint	er all-stat	tions"	survey.	All twenty	two stati	ons (00, 0	1, 02, 03.	04, 05,
	10, 11, 12, 13, 14,														, , , , , , ,	, ,
The Seehird no	st season calibrati	ion ronart i	aatad that th	o fluorom	otor was o	ut of coo	rification	low and	the evuge	n conc	or mom	h rana avh	ibited a v	winklo T	haca cana	.
	not result in any												ibiteu a v	villikie. I	nese sens	01

Data quality codes are:

cast(s).

0 - good 1 - unknown 4 - questionable 8 - bad

as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated

CTD #:6	Data Dur	np #	_0283	Star	ting Date: _	N	March 08, 2020		Defec	tive / Al	sent Se	ensors	
Cast#	Quality Code			Data (Quality Co	mme	ent	Con	d Temp	Fluo	OBS	PAR	02
All Casts in Dump	0												
						- OF	₹ -						
23 24 25 26 27 28 29													
Analyst's Co													
This Dump conheavy seas. The Seabird po	st season calibrati	m seven of	noted that the	fluoromete	er was out of s	specifi	4) during the March 2020 su cation low and the oxygen so fying the fluorometer and ox	ensor me	mb rane exh				

Data quality codes are:

 $0-good \qquad 1-unknown \qquad 4-questionable \qquad 8-bad\\ as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.$

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	mp #02	84	Star	ting Date	e:Apri	l 10, 202	0			Defect	tive / Ak	sent Se	nsors	
Cast#	Quality Code			Data (Quality (Comme	nt			Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0														
						- OR	-								
31															
32															
34															
35															
36 37															
38															
Analyst's Co	omments plied to the databas	se)													
	tains cast data froi		e stations (C	01, 04, 07,	12, 13, 16,	, 20 and 24) during th	ne April 20	20 surve	/. Cast 30) is not inc	luded as	it is incom	plete due	to a
													=		
	st season calibration I not result in any o											ibited a v	vrinkle. T	nese sens	or

Data quality codes are:

0 - good 1 - unknown 4 - questionable 8 - bad as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	mp #0)285	Sta	rting Date	e:	_May 7, 2	2020	_		Defec	tive / Ab	sent Se	ensors	
Cast#	Quality Code			Data	Quality C	Comm	ent			Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0														
						- 0	R -								
40]]
41 47															
49															
50 51															
52										┧					
53															
										┤					
Analyst's Co	mments														
	plied to the databas	se)													
	tains cast data coll te due to equipme			ions (01, 0:	04, 07, 12, 1	13, 16, 20	0, and 24) o	during the	e May 202	O survey. (Casts 39, 42	-46,48 ar	e not incl	uded as tl	пеу
	st season calibrati											ibited a w	rinkle. T	hese sens	or
aberrations did	not result in any	obvious data	anomalies t	hat would	I necessitate	e disqua	lifying the	fluorome	eter and ox	ygen data	•				

Data quality codes are:

0 - good 1 - unknown 4 - questionable 8 - bad as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	np # <mark>02</mark>	286	Starting Date:	Ma	y 29, 2020		Defec	tive / Ab	sent Se	nsors	
Cast#	Quality Code		D	Data Quality Co	mmen	t	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0											
					- OR -							'
54												
55 56												
57												
58												
59												
60												
61												
Analyst's Co	mments olied to the databas	se)										
This Dump con	tains cast data coll	ected from all	8 core stations	s (01, 04, 07, 12, 13,	16, 20, aı	nd 24) during the "June" 202	0 survey	(actually o	onducted	d on May	31).	
The Seahird no	st season calibratio	on report not	ad that the fluor	rometer was out of	enocificat	tion low and the oxygen sen	car mami	h rano ovh	ihitad a	rinkla T	haca canc	or
						ng the fluorometer and oxy			ioneu a W	minice. II	11636 36113	·

Data quality codes are:

0 - good 1 - unknown 4 - questionable 8 - bad as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	mp #	0287	Sta	arting Da	te:	July 14,	2020_				Defect	ive / Ab	sent Se	ensors	
Cast#	Quality Code			Data	a Quality	Comm	nent				Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0															
						- 0	DR -									
62																
63																
64 65																
66																
67																
68																
69																
70																
71 72																
73																
74																
75																
76																
77																
78 79																
80																
81																
82																
83																
		<u> </u>									Ш					Ш
Analyst's Co	mments olied to the database	se)														
	tains cast data coll		all 22 station	s (00, 01,	, 02, 03, 04,	. 05, 06, 0	7, 08, 09.	10, 11, 1	2, 13, 14,	16, 1	7, 18, 19	, 20, 21, ar	nd 24) dui	ring the m	nid-summ	er "all-
stations" July 2														-		
The Seabird pos	st season calibrati	ion report n	oted that the	fluorom	eter was ou	ut of spec	ification lo	ow and t	he oxyge	n sens	or meml	rane exh	ibited a w	rinkle. T	hese sens	or
aberrations did	not result in any	obvious dat	a anomalies t	hat woul	ld necessita	ite disqu	alifying th	e fluoror	neter and	d oxyg	en data.					

Data quality codes are:

 $0-good \qquad 1-unknown \qquad 4-questionable \qquad 8-bad\\ as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.$

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	np #	0288	_ 5	starting D	oate:	Augu	ıst 5, 2	020	_		Detec	tive / At	sent Se	ensors	
Cast#	Quality Code			Dat	ta Qualit	ty Com	ment				Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0															
							OR -									
84																
85																
86 87																
88																
89																
90 91																
V .																
Analyst's Co	mments															
	olied to the databas															
This Dump cont	ains cast data coll	lected froi	m all 8 core s	stations (0	1, 04, 07,	12, 13, 10	6, 20 , and	d 24) du	ring the	August 20	020 surve	/ ·				
	st season calibrati												ibited a v	vrinkle. T	hese sens	or
aberrations did	not result in any	obvious da	ata anomalies	s that wou	uld necessi	itate disc	qualifying	g the flu	oromete	r and oxy	gen data.					

Data quality codes are:

cast(s).

0 - good 1 - unknown 4 - questionable 8 - bad

 $as\ defined\ for\ Ocean\ Data\ View\ at\ http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.$

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated

CTD #:6	Data Dum	np #0289	Starting Date: _September 10, 2020		Defec	tive / Ab	sent Se	ensors	
Cast#	Quality Code		Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0								
			- OR -						
92									
93 94				+ =					
95									
96									
97 98				$\frac{1}{2}$					
99									
				\perp					
				1 🖁					
				+ =					
				┨					
				+ =					
				┨					
				┤					
] 📙					
Analyst's Co	mments plied to the databas	se)							
			re stations (01, 04, 07, 12, 13, 16, 20, and 24) during the Septem	ber 2020 su	rvey.				
The Seehird	et cascan calibratio	on report noted the	It the fluorometer was out of specification low and the oxygen se	ncor more	h rano ovb	ibitad a ··	winkle T	hoso sons	or
			alies that would necessitate disqualifying the fluorometer and ox			ibiteu a v	vilikie. I	nese sens	UI

Data quality codes are:

 $0 - good \qquad 1 - unknown \qquad 4 - questionable \qquad 8 - bad$ as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

CTD #:6	Data Dun	mp #	_0290	St	tarting Da	ate:	Octobe	er 6, 20	20			Defec	ive / Ab	sent Se	ensors	
Cast#	Quality Code			Data	a Quality	y Com	ment				Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	0															
						-	OR -									
02 03 04 05 06 07																
08 09																
																0000000000
Analyst's Co (these are not app	mments plied to the databas	se)														
Cast 01 was rec	tains cast data coll cast due to a low v st season calibrati not result in any o	oltage shut ion report n	toff mid cast. noted that the	. 01 is not	included in	n the dat	ta set.	n low and	d the oxy	gen sens	sor memb	o rane exh				

Data quality codes are:

0 - good 1 - unknown 4 - questionable 8 - bad as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).